

#### **City of North Port**

**PURCHASING** 

Office: 941.429.7170 Fax: 941.429.7173





#### **WORK ASSIGNMENT**

	Change Order	Amendment						
CONSULTANT	Black & Veatch							
CONTINUING CONTRACT # &	2020-58-04 – Professional Engineering Services – Co	ontinuing Services Contracts for City of North Port Utilities						
TITLE	THIS WORK ASSIGNMENT							
WORK ASSIGNMENT #	2023-06							
SHORT TITLE  Attach justification and supporting documentation	Water Study Cost Benefit Analysis							
DATE SUBMITTED	April 28, 2023							
AMOUNT (LUMP SUM)	\$34,232.00 CO ONLY							
SCHEDULED COMPLETION	9/01/2023							
•	CONTRACT AND BUDGET OV	ZERVIEW						
	DEPARTMENT	CITYWIDE (completed by Purchasing) GD 5/3/23						
TOTAL OF PREVIOUS ASSIGNMENTS	\$134,104.00	\$ 134,104.00						

All work assignments require City Manager approval. In presenting this work assignment, it is understood that:

1. Unless specified herein, work does not involve watercraft, boat piers and/or other activities requiring additional workers compensation endorsements.

\$82,576,00

\$ 216,680.00

**VARIOUS** 

2. Contact or involvement with hazardous materials is not anticipated, should hazardous materials be encountered, the City shall be informed.

420-6061-533-3105

\$ 82,576.00

\$216,680.00

THIS WORK ASSIGNMENT

ACCOUNT NO/PROJECT NO

**TOTAL WORK ASSIGNMENTS** 

WITH CHANGE ORDER



# CITY OF NORTH PORT CHANGE ORDER/CONTRACT AMENDMENT FORM

		WA #: 2023-06	_
		CO#: <u>1</u>	Amendment #:
City's Contract No.:	202-58-04	Project Manager/Engineer:	Jennifer Fehrs
Project Name: <u>Water S</u>	tudy Cost Benefit Analysis		
Description:			
· ·		s and asset management gap ass de a framework to close the gap	essment are needed to provide a os in the City's infrastructure.
Purpose of Change Orde	er:		
To complete updated de from North Port Utilities		ution system capacity analysis, l	based on these new projections
Attachments (list docun	nents supporting change):		
1. Change order to	WA 2023-06		

2. Scope of work

CHANGE IN CONTRACT PRICE						CONTINGENCY FUNDS			
Original Contract Amount:				48,34	4.00	Use of Contingency Funds?	Yes	No 🖂	
Previous Amendme	ent/	#		to#		Original Contingency			
Change Ord	lers:	#	0	to#	0	Amount:			
Approved Amount:		Α	mend			Approved Use of			
Amendments/Change Orders			СО			Contingency Amount:			
<b>Current Contract Price:</b>				\$48,34	4.00	Increase/(Decrease):			
This Change Add/(Deduct):				\$34,23	2.00				
Total Contract Amount w/thi	S			\$82,57	6.00	Contingency Balance:			
change (pending approval):									

Please fill in the Initial & Final Dates of the original contract and the Difference (days) for each subsequent change order (the dates will auto-fill in the first two columns), as well as the corresponding Action and Basic Description. You must double-click the chart to open in Excel before entering data. You may add extra rows if necessary.

Initial Date	Final Date	Difference (days)*	Action	Basic Description
Enter num	ber of days ir	Yellow Cell	Add Action and Des	scription in Yell Cells
11/1/22	2/1/23	92 days	Original	Initial Execution
2/1/23	9/1/23	212 days	Change Order No. 1	Scope added to and time needed for additional work
9/2/23	9/1/23			
9/2/23	9/1/23			
9/2/23	9/1/23			
Total		304 days		
* Calendar da	avs (not worki	ng davs)		

Calendar days (not working days)

#### **SIGNATURES ON NEXT PAGE**

RECOMMENDED:		Jennifer Fehrs Digitally signes Date: 2023.04	d by Jennifer Fehrs
By: Contractor	5/1/2023 Date	By:City Project Manager	Date
APPROVED:			
Manay Collingra Gallinar	signed by Nancy o 023 05.02 08:13:22	Lisa  Herrmann  Date: 2023.05.03 16:1  -04'00'	
Department Director	Date	<b>Budget Administrator</b>	Date
Ginny Duyn Digitally signed Duyn Date: 2023.05.0 16:25:52 -04'00 Purchasing	3	Kimberly  By: Williams  Dially signed by Kimberly Williams  DN: DC-northport, DC-chy, OU-De, OU-Denance Dept, OU-Finance Dept. OU-Finance Dept	ea, CN=
By: Assistant City Manager	5/8/2} Date	By: All Manager	5   8   22 Date
By: N/A City Clerk (If applicable)	Date	By:(If applicable)	 Date

#### **EXHIBIT A**

# SCOPE OF SERVICES CITY OF NORTH PORT UTILITIES WATER SUPPLY COST BENEFIT ANALYSIS – Amendment 1

#### PROJECT DESCRIPTION

Black & Veatch, (Consultant) entered into a Professional Engineering Services – Continuing Services Contracts (Agreement) Contract #2020-58-04 with the City of North Port, Florida (City) on October 13, 2020. Pursuant to this Agreement, North Port Utilities (NPU) has requested that the Consultant provide certain professional services in support of a Water Supply Cost Benefit Analysis (Project) as further detailed in this scope of services. This scope was fully executed November 1, 2022.

Note all previously agreed to terms still apply to this Amendment 1. This Amendment 1 was requested by NPU to complete updated demand projections and distribution system capacity analysis, based on new demand projections received by NPU.

#### **SCOPE OF SERVICES**

#### TASK 1: PROJECT MANAGEMENT AND ADMINISTRATION

A. Project Management and Coordination: Consultant will perform project management and general administrative duties associated with the Project, including project set- up, resource management, progress monitoring, scheduling, general correspondence, office administration, and invoicing.

### TASK 2 – UPDATE DEMANDS AND DISTRIBUTION SYSTEM CAPACITY ANALYSIS

- A. Demand Updates: Consultant will work to perform demand projection updates based on new development information and billing data that was not available at the time of the recent Water Master Plan. This effort will be limited to demands known as of June 1, 2023 or another mutually agreed upon date and will be based on a NPU created table as noted under NPU Responsibilities below. Consultant will also include demands for neighborhood extensions to Blue-Ridge Salford North and South, Sunburst, and North Port Gardens North. Please see "NPU Responsibilities" for data that is assumed to be available.
- B. Desktop Capacity Analysis: The Consultant will work to input the demand projection updates into the desktop capacity analysis to check for Water Treatment/ Supply, Pumping, and Storage Capacity Needs.
- C. Model Updates: The Consultant will load the demands into the hydraulic model. The consultant will run the following scenarios to verify the piping improvements required to handle new demands.

- a. 2025- Maximum Day Demand and Maximum Day Demand plus Fire Flow
- b. 2030- Maximum Day Demand
- c. 2045- Maximum Day Demand and Maximum Day Demand plus Fire Flow
- D. Reporting: The Consultant will provide a draft and final technical memorandum about the findings from the Tasks 2.1 thru Tasks 2.C.

## TASK 3 – OPTIONAL DEMAND AND MODELING SERVICES (OWNER APPROVAL REUIRED)

A. Demand Updates: The Consultant will work with NPU to develop assumptions to estimate the amount of demand and phasing for large, vacant, and constructable parcels that may also contribute to demand projections.

B. Model Updates: The Consultant will work with NPU to conceptually plan proposed water main in the large, vacant, and constructable parcels. The conceptual water main network will be incorporated into the model. By doing so, the Consultant can advise on required size of system extensions to handle peak flow and fire flow.

Note these optional services will require NPU written approval before being completed.

#### **DELIVERABLES**

The Consultant shall prepare and submit to NPU, including electronic format when applicable, the following deliverables:

Task	Activity	Deliverable
1.A	Project Management &	Monthly Invoices
	Administration	Monthly Status Reports
		Project Schedule
2	Update Demands and Distribution	Draft Technical Memorandum
	System Capacity Analysis	Final Technical Memorandum
3	Optional Demand and Modeling	Demand and Model updates Memorandum
	Services	

#### **NPU RESPONSIBILITIES**

- As noted in the original Scope of Services.
- Provide a Table of Expected Developments and Number of Occupied Equivalent Residential Connections (ERCs) by Year.
- Provide any proposed water main already planned for Blue-Ridge Salford North and South, Sunburst, and North Port Gardens North.

- Provide Newest <u>Existing</u> Land use/Zoning Shapefile (note, this was previously received as "LandID.shp")
- Provide 2022 Billing Data with Linking Code to GIS (note this was previously received as "Copy of Consumption Report with Customer Type.xlsx, which had a column "Cust Acct Location ID". That column linked to an attribute in LandID.shp called "ABAUCD")
- Provide the Newest Future Land use/ Zoning Shapefile.

#### **ASSUMPTIONS**

- Two total meetings are assumed for Task 2.
- Two additional meetings are assumed for Task 3 Optional Services.

#### SUPPLEMENTAL SERVICES

- Completing additional demand projections beyond the June 1 or other mutually agreed upon date, for additional neighborhoods.
- Ongoing updates to the master plan / model.
- Changing the master plan outlooks for additional capacity needs.
- Revieing or modeling additional supply needs based on the model updates.

#### **EXHIBIT B - FEE SCHEDULE**

For the Scope of Services described in this Work Assignment, CONSULTANT shall be compensated on a Lump Sum (LS) Basis. Compensation under this Agreement includes services defined in the scope and shall not exceed \$.

	FEE SCHEDULE							
TASK	LUMP SUM SERVICES	FEE APPORTIONMENT						
1.0	Project Management and Administration	\$3,490						
2.0 A	Demand Updates	\$5,396						
2.0 A.1	Demand Updates Meeting	\$1,814						
2.0 B	Desktop Capacity Analysis	\$1,442						
2.0 C	Model Updates	\$5,138						
2.0 D	Technical Memorandum	\$5,138						
2.0 D1	Technical Memo Meeting	\$1,814						
3.0	Optional Demand and Modeling Services (Owner Approval Required)	\$10,000						
	TOTAL FEE	\$34,232						

#### **EXHIBIT C – PROJECT SCHEDULE**

	PROJECT SCHEDULE								
TASK		DURATION	START DATE	END DATE					
1.0	Project Management and Administration	4Months	May 1, 2023	Sept 1, 2023					
2.0	Update Demands and Distribution System Capacity Analysis	4 Months	May 1, 2023	Sept 1, 2023					

Exhibit B - Fee Schedule

Hourly Rate:	Project Director Schwerman 290	Project Manager King 227	Staff Engineer II Hahn 129	Technical Specialist Maher 227	Project Engineer II Azarian	Project Controls	Administrative Assistant	Clerical	Total Hours	Total Labor		Total Fee
Task 1 - Project Management and Administration	4	6	0	0	0	4	4	0	18	\$3,490	##	\$3,490
A Project Management and Administration	4	6				4	4		18	\$3,490	П	\$3,490
Task 2 - Update Demands and Distribution System Capacity Anlaysis	0	0	86	12	41	0	0	0	139	\$20,742	##	\$20,742
A Demand Updates			26	2	10				38	\$5,478		\$5,478
A.1 Meeting 1			4	2	6				12	\$1,972	$\Box$	\$1,972
B Desktop Capacity Analysis			4	2	5				11	\$1,882		\$1,882
C Model Updates			24	2	8				34	\$4,886		\$4,886
D Technical Memorandum			24	2	8				34	\$4,886		\$4,886
D.1 Meeting 2			4	2	4				10	\$1,638		\$1,638
									Subtotal			\$24,232
Task 3 - Optional Demand and Modeling Services (owner approval required)									0	\$10,000		\$10,000
TOTAL HOURS	4	6	86	12	41	4	4	0	157	\$34,232	##	\$34,232
TOTAL COST	\$1,160.00	\$1,362.00	\$11,094.00	\$2,724.00	\$6,924.00	\$528.00	\$440.00	\$0.00	157	\$34,232		\$34,232



### City of North Port

**PURCHASING** 

Office: 941.429.7170 Fax: 941.429.7173





#### **WORK ASSIGNMENT**

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#### Black & Veatch Corporation

**CONTINUING CONTRACT NO. & TITLE** 

2020-58-04 - Profession Engineering Services - Continuing Services Contracts for City of North Port Utilities

#### THIS WORK ASSIGNMENT

 WORK ASSIGNMENT #
 2023-06

 SHORT TITLE
 Water Study Cost Benefit Analysis

 DATE SUBMITTED
 10/21/2022

 AMOUNT (LUMP SUM)
 \$48,344.00

 SCHEDULED COMPLETION
 2/1/2023

#### CONTRACT AND BUDGET OVERVIEW FOR FISCAL YEAR 20 23

TOTAL OF PREVIOUS ASSIGNMENTS	DEPARTMENT \$85,760.00	CITYWIDE (completed by Purchasing) gd 10/28/22 \$85,760.00		
THIS WORK ASSIGNMENT	\$48,344.00	\$48,344.00		
TOTAL WORK ASSIGNMENTS	\$134,104.00	\$134,104.00		
ACCOUNT NO/PROJECT NO	420-6061-533-3105	VARIOUS		

#### All work assignments require City Manager approval. In presenting this work assignment, it is understood that:

- 1. All associated supporting documentation and justification for this work assignment is attached hereto.
- 2. Unless specified herein, work does not involve watercraft, boat piers and/or other activities requiring additional workers compensation endorsements.
- 3. Contact or involvement with hazardous materials is not anticipated, should hazardous materials be encountered, the City shall be informed.
- 4. THIS WORK ASSIGNMENT SHALL NOT EXCEED \$200,000 & ANY RESULTING CONSTRCUTION SHALL NOT EXCEED \$2,000,000 PER FLORIDA STATUTE 287.055.

#### SUBMITTED BY:

| Rafael E. Frias III, PE | ON C-U.S. Frias Right von OBlack & Christian Right Conversation (Conversation Conversation Con

#### APPROVED BY:

Nancy Gallinaro Digitally signed by Nancy Gallinaro Date: 2022.10.27 08:37:10 -04'00' Lisa Herrmann Digitally signed by Lisa Herrmann Date: 2022.10.31 09:35:24 -04'00' **DEPARTMENT DIRECTOR** DATE **BUDGET ADMINISTRATOR** DATE Ginny Duyn Date: 2022.10.28 14:46:15 Kimberly Williams Digitally signed by Kimberly Williams Date: 2022.10.31 13:59:23 -04'00' **PURCHASING** DATE FINANCE DIRECTOR DATE Date: 2022.11.01 Jerome Fletcher 09:37:14 -04'00' **ASSISTANT CITY MANAGER** DATE **CITY MANAGER** DATE

Print Form

Clear All Fields



#### Utilities Department Administration Division Office: 941.240.8000 Fax: 941.240.8022



TO:

**Purchasing Department** 

THRU:

Nancy Gallinaro, Utilities Director

FROM:

Michael Acosta, Utilities Engineering Manager

SUBJECT:

Gap analysis & Water Study Cost Benefit Analysis

DATE:

October 21, 2022

Black & Veatch is currently providing services to the City of North Port for the Water Master Plan and Water Supply Facilities 10-Year Work Plan Updates. The Water Supply Facilities 10-Year Work Plan Update has been submitted to and accepted by the Southwest Florida Water Management District. The master plan is well underway with an expected completion date in late Fall/early Winter. The process for the master plan and the initial work products produced by Black & Veatch have been outstanding. They have been excellent to work with and we look forward to concluding the Water Master Plan.

As the Water Master Plan has progressed, it has become evident that analyses of the cost benefit of various water supplies and asset management gap assessment are needed to provide a roadmap for the City's future water supply and provide a framework to close the gaps in the City's infrastructure. North Port Utilities proposes to use Black & Veatch for these two additional assignments.

To date, Black & Veatch has provided all the engineering services for this Water Master Plan project. The work they are doing on this project has been outstanding. NPU proposes to continue to use Black & Veatch these two additional projects, cost benefit and gap analyses, and forego the request for letter of interest process. NPU will benefit from using Black & Veatch because of the institutional knowledge that Black & Veatch brings to the project via the Water Master Plan work. With that knowledge they will be able to complete the analyses faster and more efficiently than any another consultant coming into the project for the first time. Any other engineering firm would need to confirm all the work that has been done to date or start from the beginning. This would add time and cost to the project. The scopes and fees that Black & Veatch has provided are very competitive. NPU recommends forgoing the RLI process and issuing Black & Veatch the reference two work assignments.

#### **EXHIBIT A**

## SCOPE OF SERVICES CITY OF NORTH PORT UTILITIES WATER SUPPLY COST BENEFIT ANALYSIS

#### PROJECT DESCRIPTION

Black & Veatch, (Consultant) entered into a Professional Engineering Services – Continuing Services Contracts (Agreement) Contract #2020-58-04 with the City of North Port, Florida (City) on October 13, 2020. Pursuant to this Agreement, North Port Utilities (NPU) has requested that the Consultant provide certain professional services in support of a Water Supply Cost Benefit Analysis (Project) as further detailed in this scope of services.

Consultant will perform a high-level Water Supply Cost Benefit Analysis for evaluation of using and developing NPU owned sources versus relying on the Peace River Manasota Regional Water Supply Authority (Authority) for long-term water supply to the City.

#### SCOPE OF SERVICES

#### TASK 1: PROJECT MANAGEMENT AND ADMINISTRATION

- A. Project Management and Coordination: Consultant will perform project management and general administrative duties associated with the Project, including project set- up, resource management, progress monitoring, scheduling, general correspondence, office administration, and invoicing. Consultant will maintain project documentation and project cost accounting systems throughout the project duration including the following:
  - Maintain a project filing system throughout duration of the Project to use for storage and retrieval of Project documents.
  - Prepare monthly status reports and invoices for engineering services in the format required by the contract. Status reports will include a summary of work completed during the previous month.

Consultant will update the project schedule based upon the notice to proceed (NTP) date and distribute the updated schedule at the project kickoff meeting. The project schedule will identify the following information:

- Key project tasks and deliverables.
- Critical dates for data submission, deliverable reviews, decisions by NPU, meetings and workshops.

Consultant will review, update and submit to NPU the updated Project schedule periodically upon completion of major project elements.

#### TASK 2 - DATA COLLECTION

A. Data Collection: Consultant will perform initial data gathering and review of relevant available documents and data from NPU. Consultant has already collected a significant amount of relevant data through previous work assignments and information provided by NPU to date, which will limit the request for additional data at the start of this work assignment. The data required for this assignment shall generally be limited to Operations and Maintenance data including chemical costs, electrical costs, staffing costs, etc.

Consultant will develop a data request list that indicates the data already gathered along with the data request items. The data request list will be submitted to NPU and updated as necessary to support the completion of the initial data gathering process. Consultant staff will review the available documents and data to serve as a basis for the services provided as part of this work assignment.

#### TASK 3 – EVALUATION FRAMEWORK DEVELOPMENT

- A. Framework: Consultant will develop a framework of evaluation criteria and weights for scoring the two to three water supply alternatives which will include financial and non-financial issues. Consultant will prepare the initial framework and provide to NPU for review and comment. The framework is likely to contain items such as:
  - Planning level life cycle costs (\$/1,000 gallons) which includes Capital Costs, Renewal and Replacement Costs and O&M costs. Resilience and Reliability
  - Environmental Stewardship (Including water quality)
  - Social Responsibility
- B. Framework Workshop: To formalize the framework the Consultant will hold a 2-hour, inperson workshop with NPU. Consultant will then complete the framework matrix and send the final version to NPU.

#### TASK 4 – LIFE CYCLE COST

A. Life Cycle Cost: Consultant will develop a 30-year life-cycle cost of using NPU owned supplies vs Authority owned supplies. The life cycle cost will review renewal and replacement costs to account for long term maintenance of the existing NPU facilities, capital costs required for expansions to match population growth (limited to the areas where infrastructure exists or will exist during this timeframe) and O&M costs such as chemical costs, staffing requirements and electric costs. The NPU life cycle costs will be compared to the cost/1,000 gallons required by the Authority.

#### TASK 5 – ALTERNATIVES EVALUATION

- A. Evaluation: Upon completion of the framework and development of the Life Cycle costs, the Consultant will evaluate the two to three water supply alternatives. The evaluation will score each alternative on a 1 to 5 scale for each criteria and the weight scores will be compared to each other to determine the recommended alternative. Upon completion of evaluation the Consultant will conduct a 2-hour, in person workshop to review the results with NPU.
- B. Technical Memorandum: Consultant will then develop a draft Water Supply Cost Benefit Analysis Technical Memorandum to submit to NPU for review and comment. The Consultant will address NPUs comments and submit the Final Water Supply Cost Benefit Analysis Technical Memorandum.

#### **DELIVERABLES**

The Consultant shall prepare and submit to NPU, including electronic format when applicable, the following deliverables:

Task	Activity	Deliverable
1.A	Project Management & Coordination	<ul><li>Monthly Invoices</li><li>Monthly Status Reports</li><li>Project Schedule</li></ul>
2.A	Data Request	Data Request List and Log
3.A	Evaluation Framework Development	Draft and Final Framework Matrix Framework Workshop Meeting Minutes
4.A	Life Cycle Cost	Life Cycle Cost Estimates
5.A	Alternatives Evaluation	Alternatives Evaluation Workshop Meeting Minutes Draft Technical Memorandum Final Technical Memorandum

#### **MEETINGS**

A summary of the proposed meetings, teleconferences and workshops is listed in the table below:

Task	Meeting / Teleconference / Workshop	Duration	Format
3.B	Framework Development Workshop	2	In Person
5.A	Alternatives Evaluation Workshop	2	In Person

#### **NPU RESPONSIBILITIES**

NPU will provide the following information to the Consultant and / or perform the following services related to the Project:

- NPU will provide review comments within 2 weeks of deliverable submittals
- NPU will provide Consultant with relevant data as requested.
- NPU will make staff available for meetings and workshops as stated in the scope.

#### **ASSUMPTIONS**

- Review is limited to only City-Owned Supplies and Authority supplies (new and existing; within the 30-year planning period)
- No evaluations are being done from any other local utility

#### SUPPLEMENTAL SERVICES

Comparing more than 3 options.

#### **EXHIBIT B - FEE SCHEDULE**

For the Scope of Services described in this Work Assignment, CONSULTANT shall be compensated on a Lump Sum (LS) Basis. Compensation under this Agreement includes services defined in the scope and shall not exceed \$47,008.

	FEE SCHEDULE	and the second s
TASK	LUMP SUM SERVICES	FEE APPORTIONMENT
1.0	Project Management and Administration	\$3,922
2.0	Data Collection	\$964
3.0	Evaluation Framework Development	\$9,946
4.0	Life Cycle Cost	\$8,896
5.0	Alternatives Evaluation	\$24,616
	TOTAL FEE	\$48,344

#### **EXHIBIT C - PROJECT SCHEDULE**

PROJECT SCHEDULE							
TASK		DURATION	START DATE	END DATE			
1.0	Project Management and Administration	3 months	11/1/22	2/1/23			
2.0	Data Collection	2 weeks	11/1/22	11/15/22			
3.0	Evaluation Framework Development	1 month	11/15/22	12/15/22			
4.0	Life Cycle Cost	1 month	11/15/22	12/15/22			
5.0	Alternatives Evaluation	1.5 months	12/15/22	2/1/23			

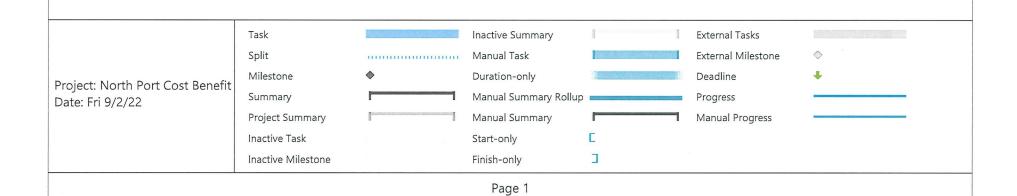
The total project schedule is four months per the Gantt Chart attached.

# Contracted hourly rates verified - gd 10/28/22 Fee extensions & total fee verified by Utilities.

Exhibit B - Fee Schedule

Hourly Rate:	Project Director  Mark Martin 290	Sr. Project Manager Amanda Schwerman 258	Project Engineer II Steve King 186	Staff Engineer III Rama Pandkar 148	Technical Expert  Jo Ann Jackson 277	Engineering Manager Adam Feffer 214	Project Controls	Administrative Assistant	Clerical 85	Total Hours	Total Labor	Total Fee
										. Tiouis	Labor	100
Task 1 - Project Management and Administration	2	3	6	0	0	0	6	6	0	23	\$3,922	\$3,922
A Project Management and Coordination	2	3	6				6	6		23	\$3,922	\$3,922
Task 2 - Data Collection	0	0	2	4	0	0	0	0	0	6	\$964	\$964
A Data Collection			2	4						6	\$964	\$964
Task 3 - Framework	0	8	18	24	2	2	0	0	0	54	\$9,946	\$9,946
A Framework		4	12	12	2	2				32	\$6,022	\$6,022
B Framework Workshop		4	6	12	4					22	\$3,924	\$3,924
Task 4 - Life Cycle Cost	0	0	16	40	0	0	0	0	0	56	\$8,896	\$8,896
A Life Cycle Cost			16	40						56	\$8,896	\$8,896
Task 5 - Alternatives Evaluation	0	12	40	64	8	8	0	0	8	140	\$24,616	\$24,616
A Evaluation		8	24	24	8	8				72	\$14,008	\$14,008
B Technical Memorandum		4	16	40					8	68	\$10,608	\$10,608
TOTAL HOURS	2	23	82	132	10	10	6	6	8	279	\$48,344	\$48,344
TOTAL COST	\$580,00	\$5,934,00	\$15,252,00	\$19,536,00	\$2,770.00	\$2,140,00	\$792.00	\$660.00	\$680,00	279	\$48,344	\$48,344

ID	Task Name	Duration	Start	Finish	November 2022   December 2022   January 2023   28   2   7   12   17   22   27   2   7   12   17   22   27   1   6   11   16   21   26
1	Notice to Proceed	1 day	Tue 11/1/22	Tue 11/1/22	28   2   7   12   17   22   27   2   7   12   17   22   27   1   6   11   16   21   26
2	Task 1 - Project Management and Administration	67 days	Tue 11/1/22	Wed 2/1/23	
3	Task 2 - Data Collection	11 days	Tue 11/1/22	Tue 11/15/22	
4	Task 3 - Evaluation Framework Development	23 days	Tue 11/15/22	Thu 12/15/22	
5	Task 4 - Life Cycle Cost	23 days	Tue 11/15/22	Thu 12/15/22	
6	Task 5 - Alternatives Evaluation	35 days	Thu 12/15/22	Wed 2/1/23	



## DISCLOSURE FORM FOR CONSULTANT/ENGINEER/ARCHITECT

Pleas	e select <u>only</u> one of the following three options:	Print Form	Clear All Fields
<b>V</b>	Our firm has no actual, potential, or reasonably perceived, <b>fina</b> outcome of the project.	ncial* or other i	<b>nterest**</b> in the
	Our firm has a potential or reasonably perceived <b>financial*</b> or <b>ot</b> the project as described here:	: <b>her interest**</b> in	the outcome of
	Our firm proposes to mitigate the potential or perceived conflict	according to the	following plan:
	Our firm has an actual <b>financial*</b> or <b>other interest**</b> in the outco here:	ome of the projec	et as described
*Wha	at does "financial interest" mean?		·
house busin intere choic	ur firm, or employee(s) of your firm working on the project (cehold), will/may be perceived to receive or lose private incomess choices based on your firm's findings and recommendations, est. An example would be ownership in physical assets affect es related to this project. The possibility of contracting for finded in this definition and is not prohibited.	e depending on this must be list ed by the gover	the government ed as a financial nment business
**Wł	nat does "other interest" mean?		
house goes	or firm, or employee(s) of your firm working on the project (cehold), will/may be perceived to have political, legal or any oth into your firm's findings and recommendations, or will be/may be ment business choices related to this project, this must be listed	er interests that e perceived to be	will affect what affected by the
BUSII	NESS NAME: Black & Veatch Corporation		
	E (PERSON AUTHORIZED TO BIND THE COMPANY): Rafael E	. Frias III,	PE
		10/12/2022	

#### **CONFLICT OF INTEREST FORM**

F.S. §112.313 places limitations on public officers (including advisory board members) and employees' ability to contract with the City either directly or indirectly. Therefore, please indicate if the following applies:

PART I	•	
	I am an employee, public officer or advisory board member of	
	I am the spouse or child of an employee, public officer or advis  Name:	
	An employee, public officer or advisory board member of the an officer, partner, director, or proprietor of Respondent or h Respondent. "Material interest" means direct or indirect owner the total assets or capital stock of any business entity. For the pownership does not include ownership by a spouse or minor ch Name:	as a material interest in ership of more than 5 percent of urposes of [§112.313], indirect
	Respondent employs or contracts with an employee, public of of the City  Name:	ficer or advisory board member
<b>✓</b>	None of The Above	
PART II	:	
Are you	going to request an advisory board member waiver?	
	I will request an advisory board member waiver under §112.31	3(12)
	I will NOT request an advisory board member waiver under §11	.2.313(12)
	N/A y shall review any relationships which may be prohibited under qualify any vendors whose conflicts are not waived or exempt.	er the Florida Ethics Code and
BUSINE	SS NAME: Black & Veatch Corporation	
NAME(I	PERSON AUTHORIZED TO BIND COMPANY): Rafael E. Frias	III, PE
SIGNAT	URE:	

THIS PAGE MUST BE SUBMITTED WITH WORK ASSIGNMENT

#### **VENDOR'S CERTIFICATION FOR E-VERIFY SYSTEM**

The undersigned Vendor/Consultant/Contractor (Vendor), certifies the following:

- 1. Vendor is a person or entity that has entered into or is attempting to enter into a contract with the City of North Port (City) to provide labor, supplies, or services to the City in exchange for salary, wages or other renumeration.
- 2. Vendor has registered with and will use the E-Verify System of the United States Department of Homeland Security to verify the employment eligibility of:
  - a. All persons newly hired by the Vendor to perform employment duties within Florida during the term of the contract; and
  - b. All persons, including subcontractors or subconsultants, assigned by the Vendor to perform work pursuant to the contract with the City.
- 3. If the Vendor becomes the successful Contractor who enters into a contract with the City, then the Vendor will comply with the requirements of Section 448.095, Fla. Stat. "Employment Eligibility", as amended from time to time.
- 4. Vendor will obtain an affidavit from all subcontractors attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien as defined in 8 United States Code, Section 1324A(H)(3).
- 5. Vendor will maintain the original affidavit of all subcontractors for the duration of the contract.
- 6. Vendor affirms that failure to comply with the state law requirements can result in the City's termination of the contract and other penalties as provided by law.
- 7. Vendor understands that pursuant to Florida Statutes, section 448.095, the submission of a false certification may result in the termination of the contract if one is entered into, and may subject the Vendor named in this certification to civil penalties, attorney's fees and costs.

VENDOR: Black & Veatch Corporation	(Vendor's Company Name)
Certified By:	
AUTHORIZED (EPRESENTATIVE SIGNATURE	
Print Name and Title: Rafael E. Frias III, Associate Vice Pre	esident
Date Certified: 10/12/22	